



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

re application of:

James D. MCININCH

Group Art Unit: 1631

Appln. No.: 09/698,213

Examiner: Carolyn L. SMITH

Filed: October 30, 2000

Atty. Docket: 16517.075

Title: Computational Nucleic Acid Coding  
and Feature Analysis

**INFORMATION DISCLOSURE STATEMENT**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

***Attn: Mail Stop RCE***

Dear Sir:

The attention of the Examiner is invited to the documents listed on the attached Form PTO-1449. Copies of the listed documents are submitted herewith.

It is respectfully requested that the information above be expressly considered during the prosecution of this application, and that the references be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

**CERTIFICATION AND/OR FEE**

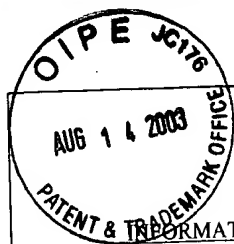
Because this Information Disclosure Statement is being submitted with a request for continued examination, prior to the mailing of a first office action, it is believed that no certification or fee is required.

Respectfully submitted,

Rachel L. Adams (Reg. Attorney No. 54,660)  
David R. Marsh (Reg. Attorney No. 41,408)  
Holly Logue Prutz (Reg. Attorney No. 47,755)

Date: August 14, 2003

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FORM PTO-1449

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ATTY. DOCKET NO.

16517.075

APPLICATION NO.

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APPLICANTS

James D. MCININCH

FILING DATE

October 30, 2000

GROUP

1631

## U.S. PATENT DOCUMENTS

| EXAMINER<br>INITIAL |     | DOCUMENT<br>NUMBER | DATE | NAME | CLASS | SUB-<br>CLASS | FILING DATE |
|---------------------|-----|--------------------|------|------|-------|---------------|-------------|
|                     | AA1 |                    |      |      |       |               |             |
|                     | AB1 |                    |      |      |       |               |             |
|                     | AC1 |                    |      |      |       |               |             |
|                     | AD1 |                    |      |      |       |               |             |
|                     | AE1 |                    |      |      |       |               |             |

## FOREIGN PATENT DOCUMENTS

| EXAMINER<br>INITIAL |     | DOCUMENT<br>NUMBER | DATE | COUNTRY | CLASS | SUB-<br>CLASS | TRANSLATION |
|---------------------|-----|--------------------|------|---------|-------|---------------|-------------|
|                     | AF1 |                    |      |         |       |               | Yes<br>No   |
|                     | AG1 |                    |      |         |       |               | Yes<br>No   |
|                     | AH1 |                    |      |         |       |               | Yes<br>No   |
|                     | AI1 |                    |      |         |       |               | Yes<br>No   |
|                     | AJ1 |                    |      |         |       |               | Yes<br>No   |

## OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

|  |    |   |   |
|--|----|---|---|
|  | AK | 1 | Durbin <i>et al.</i> , <u>Biological Sequence Analysis Probablistic Models of Proteins and Nucleic Acids</u> , "Profile HMMs for Sequence Families", Cambridge University Press, pp. 100-133 (1988) |
|  | AL | 1 | Durbin <i>et al.</i> , <u>Biological Sequence Analysis Probablistic Models of Proteins and Nucleic Acids</u> , "Background on Probability", Cambridge University Press, pp. 299-325 (1988)          |
|  | AM | 1 |   |
|  | AN | 1 |   |
|  | AO | 1 |   |
|  | AP | 1 |   |

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.